DATASHEET - CL-PKZ0

Current limiter, 3p, 63A, 400VAC/100kA, 690VAC/10kA

Part no.	**CL-PKZ0**
	082881
EL Number (Norway)	**4355154**

Powering Business Worldwide™

General specifications

Product name	Eaton Moeller® series PKZ0 Current limiter
Part no.	CL-PKZ0
EAN	4015080828815
Product Length/Depth	56 millimetre
Product height	90 millimetre
Product width	45 millimetre
Product weight	0.201 kilogram
Certifications	UL File No.: E36332 CSA File No.: 165628 CSA-C22.2 No. 14 UL Category Control No.: NLRV CE CSA UL 508 CSA Class No.: 3211-05 IEC/EN 60947-4-1 UL
Product Tradename	PKZ0
Product Type	Current limiter
Product Sub Type	None

Features & Functions

Functions	Short-circuit current limiter Can be used for individual and group protection

General information

Mounting position	Next to or behind the motor protective circuit breaker
Overvoltage category	III
Pollution degree	3
Product category	Accessories
Rated impulse withstand voltage (Uimp)	6000 V AC
Type	Motor-protective circuit-breaker, non-auto-protected in order to increase switching capacity

Climatic environmental conditions

Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	55 °C

Electrical rating

Rated operational voltage	Max. 690 V 690 V AC
Rated uninterrupted current (Iu)	63 A

Short-circuit rating

Rated conditional short-circuit current (Iq)	0 kA

Design verification

Equipment heat dissipation, current-dependent Pvid	8.4 W
Heat dissipation capacity Pdiss	0 W
Heat dissipation per pole, current-dependent Pvid	2.8 W
Rated operational current for specified heat dissipation (In)	63 A
Static heat dissipation, non-current-dependent Pvs	0 W
10.2.2 Corrosion resistance	Meets the product standard's requirements.
10.2.3.1 Verification of thermal stability of enclosures	Meets the product standard's requirements.
10.2.3.2 Verification of resistance of insulating materials to normal heat	Meets the product standard's requirements.
10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects	Meets the product standard's requirements.
10.2.4 Resistance to ultra-violet (UV) radiation	Meets the product standard's requirements.

10.2.5 Lifting			Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 Mechanical impact			Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 Inscriptions			Meets the product standard's requirements.
10.3 Degree of protection of assemblies			Does not apply, since the entire switchgear needs to be evaluated.
10.4 Clearances and creepage distances			Meets the product standard's requirements.
10.5 Protection against electric shock			Does not apply, since the entire switchgear needs to be evaluated.
10.6 Incorporation of switching devices and components			Does not apply, since the entire switchgear needs to be evaluated.
10.7 Internal electrical circuits and connections			Is the panel builder's responsibility.
10.8 Connections for external conductors			Is the panel builder's responsibility.
10.9.2 Power-frequency electric strength			Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage			Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material			Is the panel builder's responsibility.
10.10 Temperature rise			The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
10.11 Short-circuit rating			Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.12 Electromagnetic compatibility			Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.13 Mechanical function			The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

Technical data ETIM 9.0

Low-voltage industrial components (EG000017) / Current limiter (EC000239)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Current limiter (ecl@ss13-27-37-04-16 [AKF014018])			
Max. apparent power		VA	0
Mounting method			DIN rail
Conditioned rated short-circuit current Iq		kA	0
Rated permanent current Iu		A	63
Short-circuit current limiter			Yes